

FIG. 2

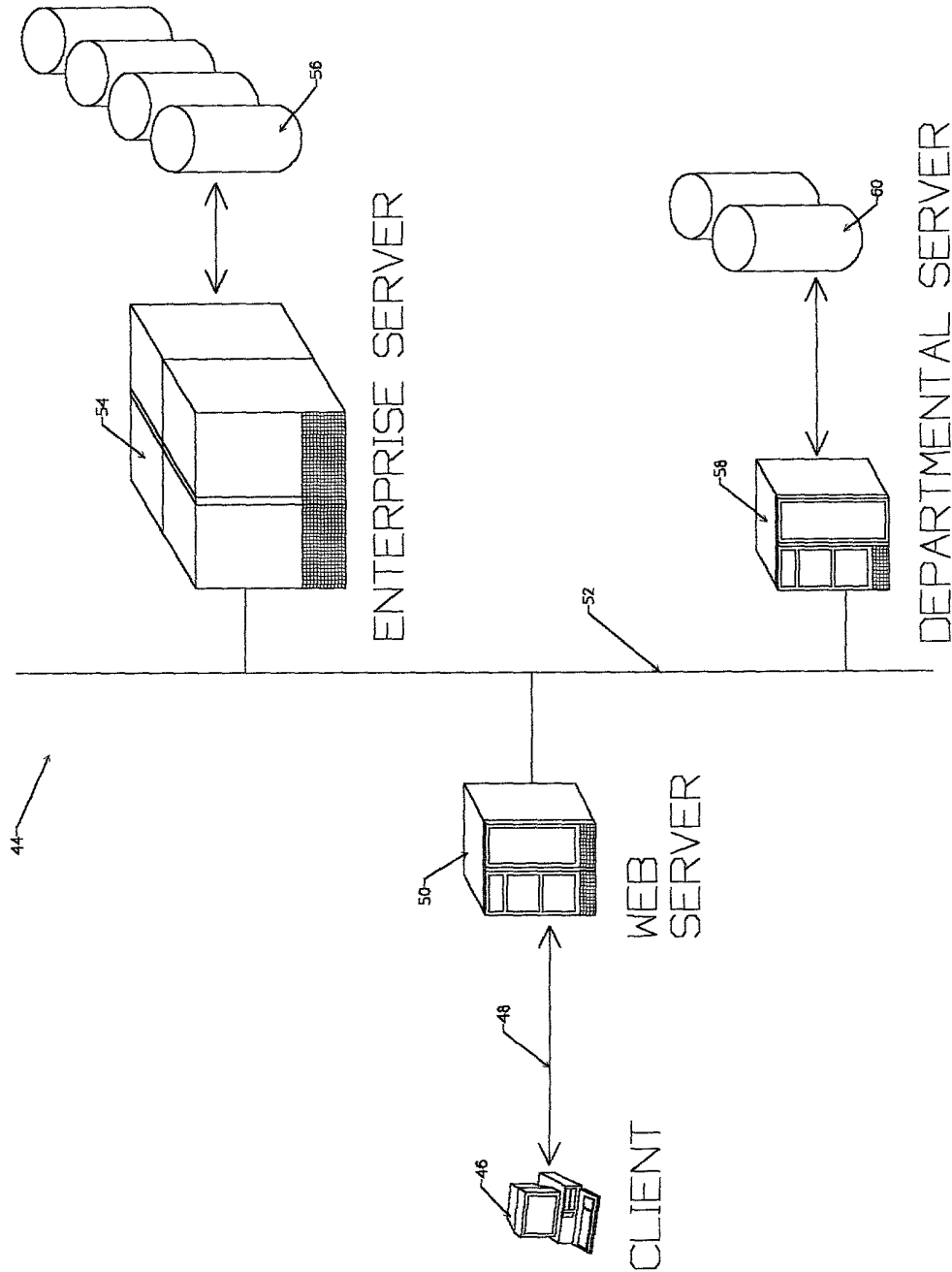


FIG. 3

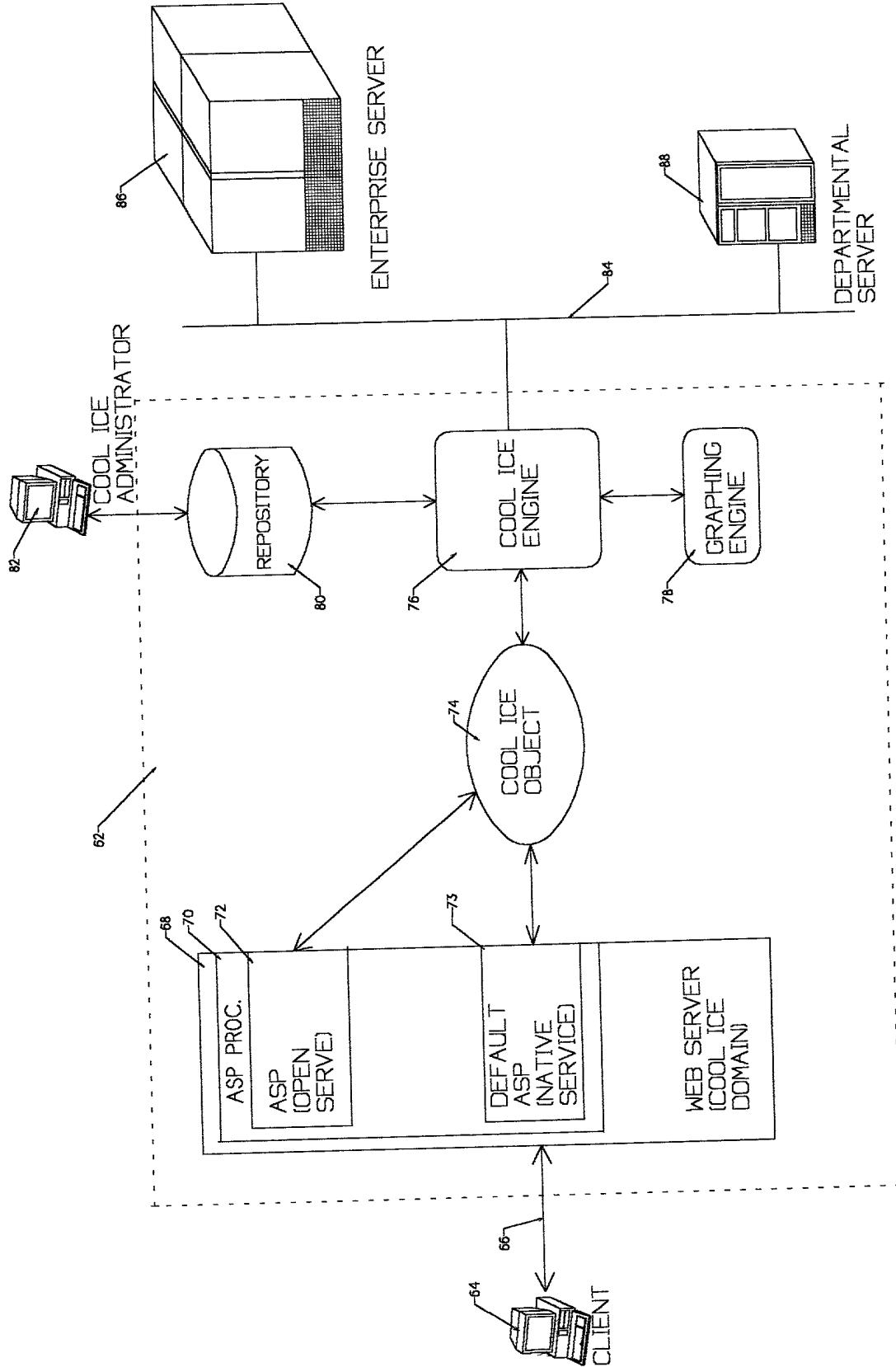
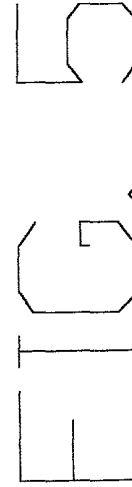


FIG. 4



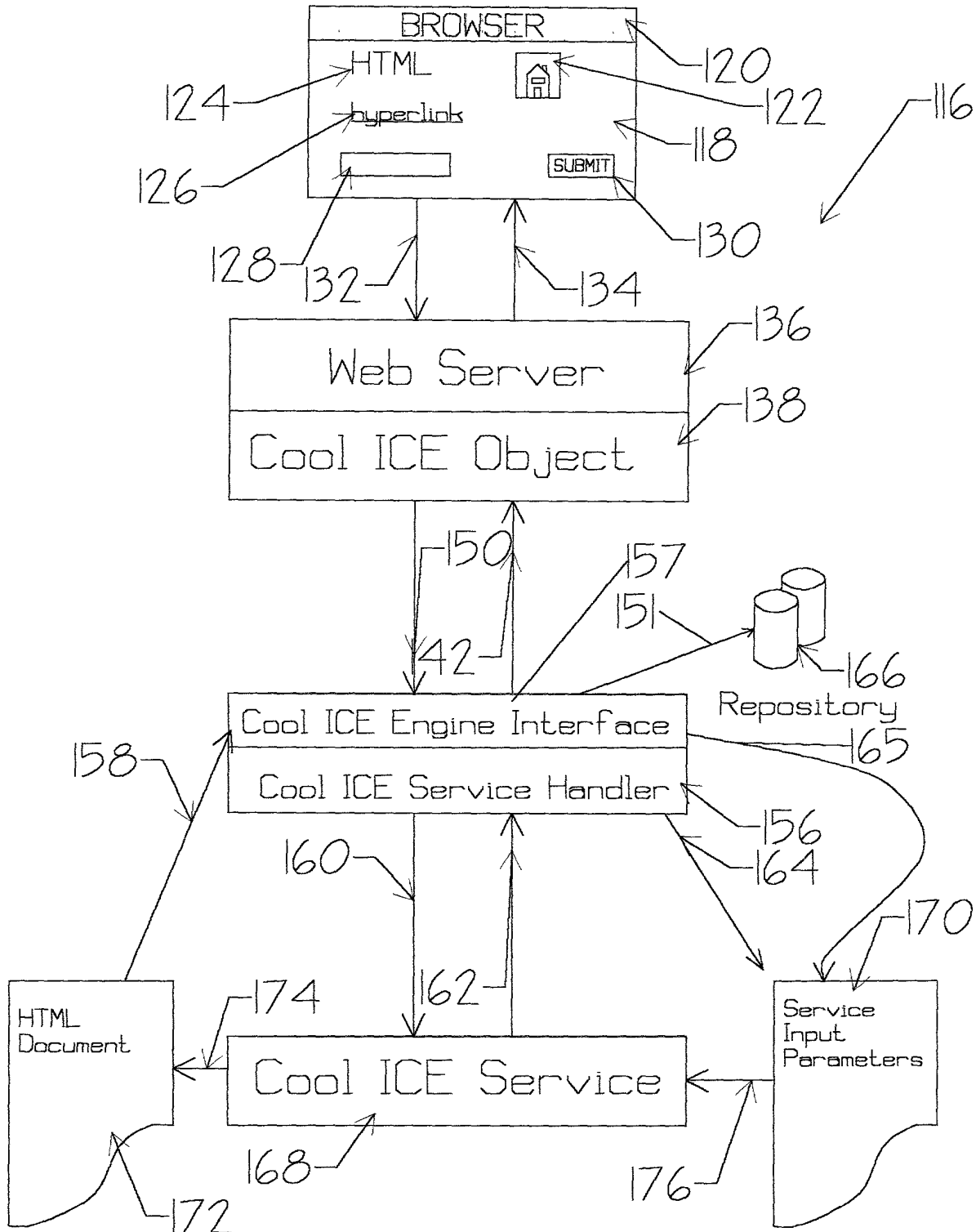


FIG. 6

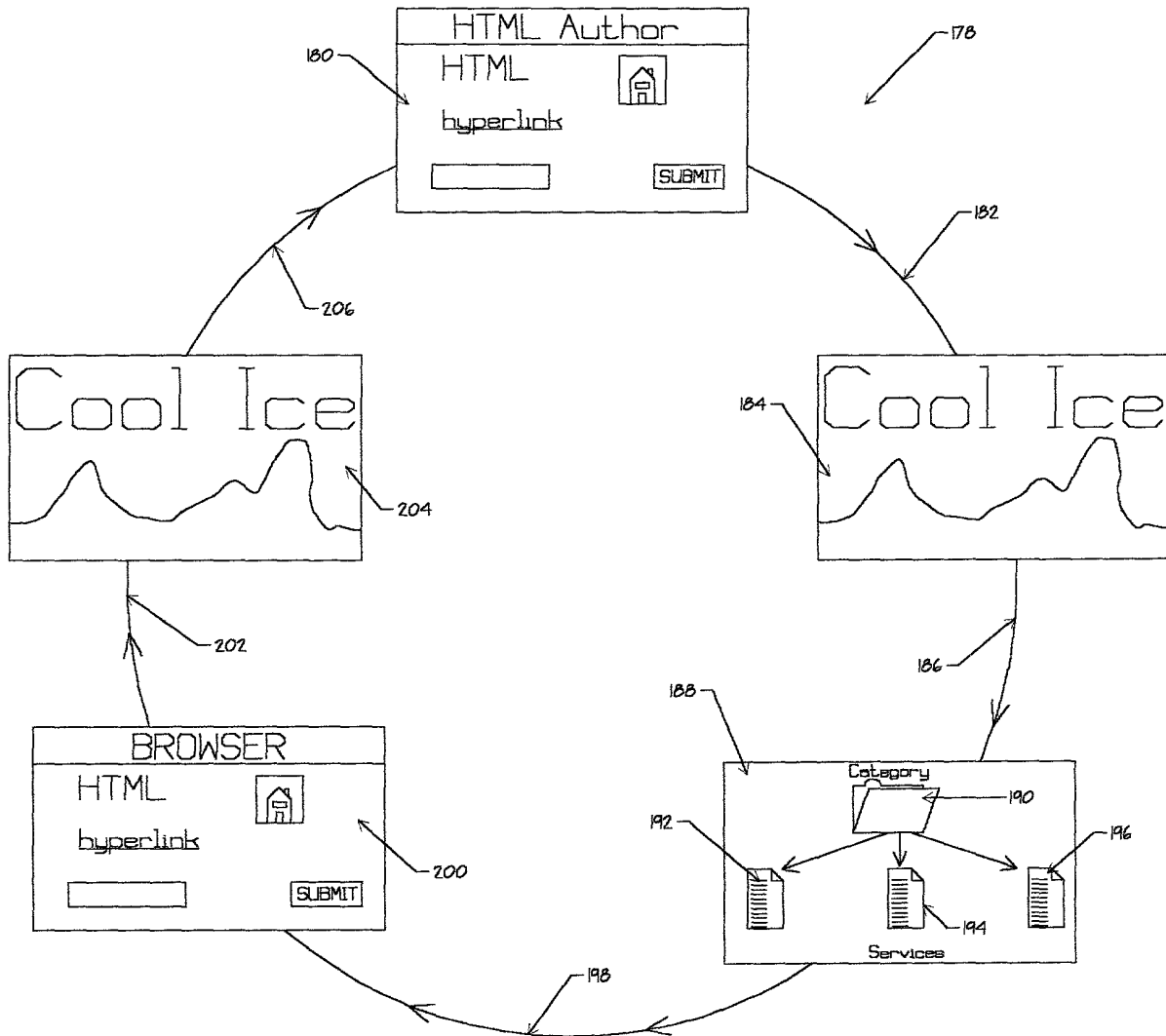


FIG. 7

FIG. 8

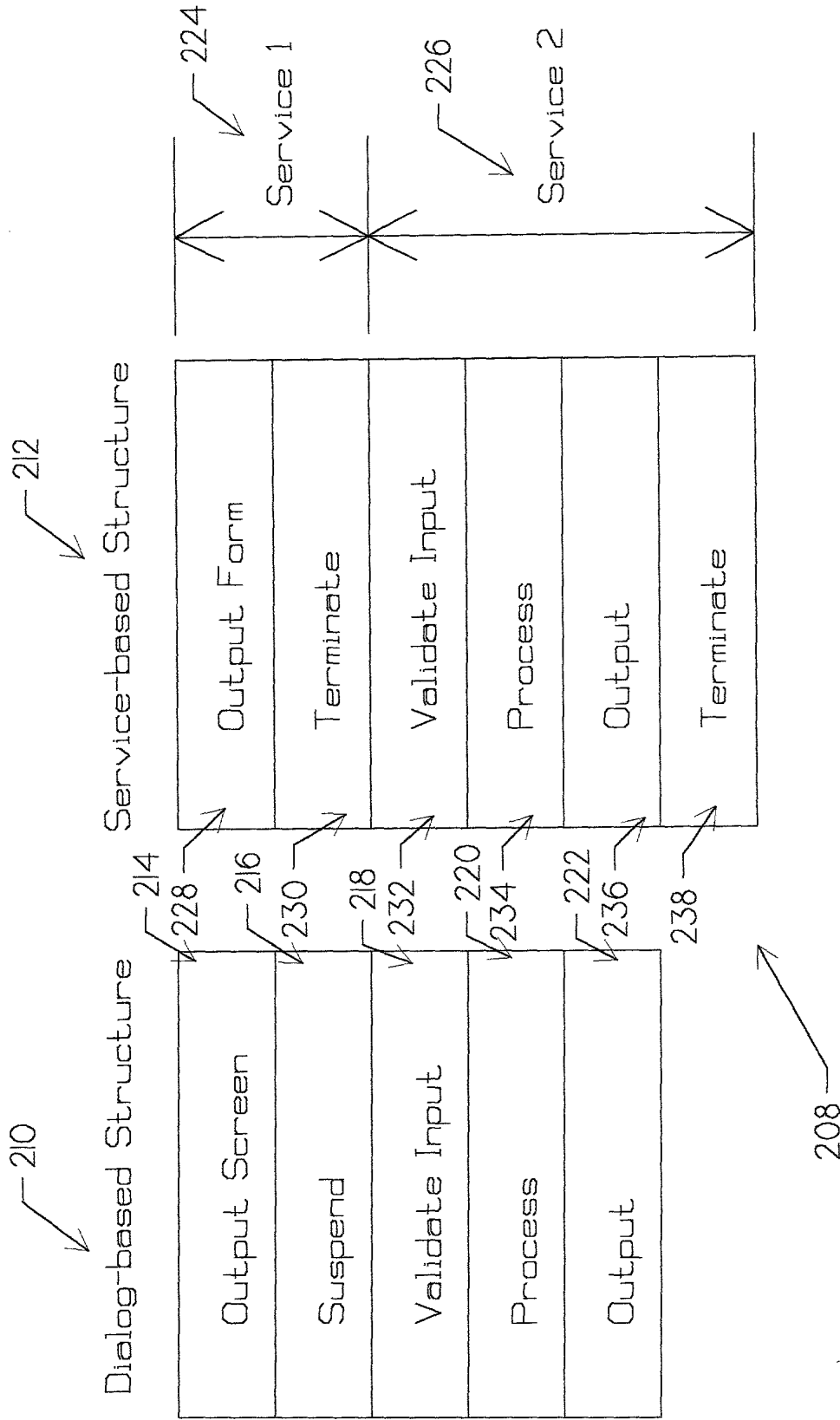


FIG. 8

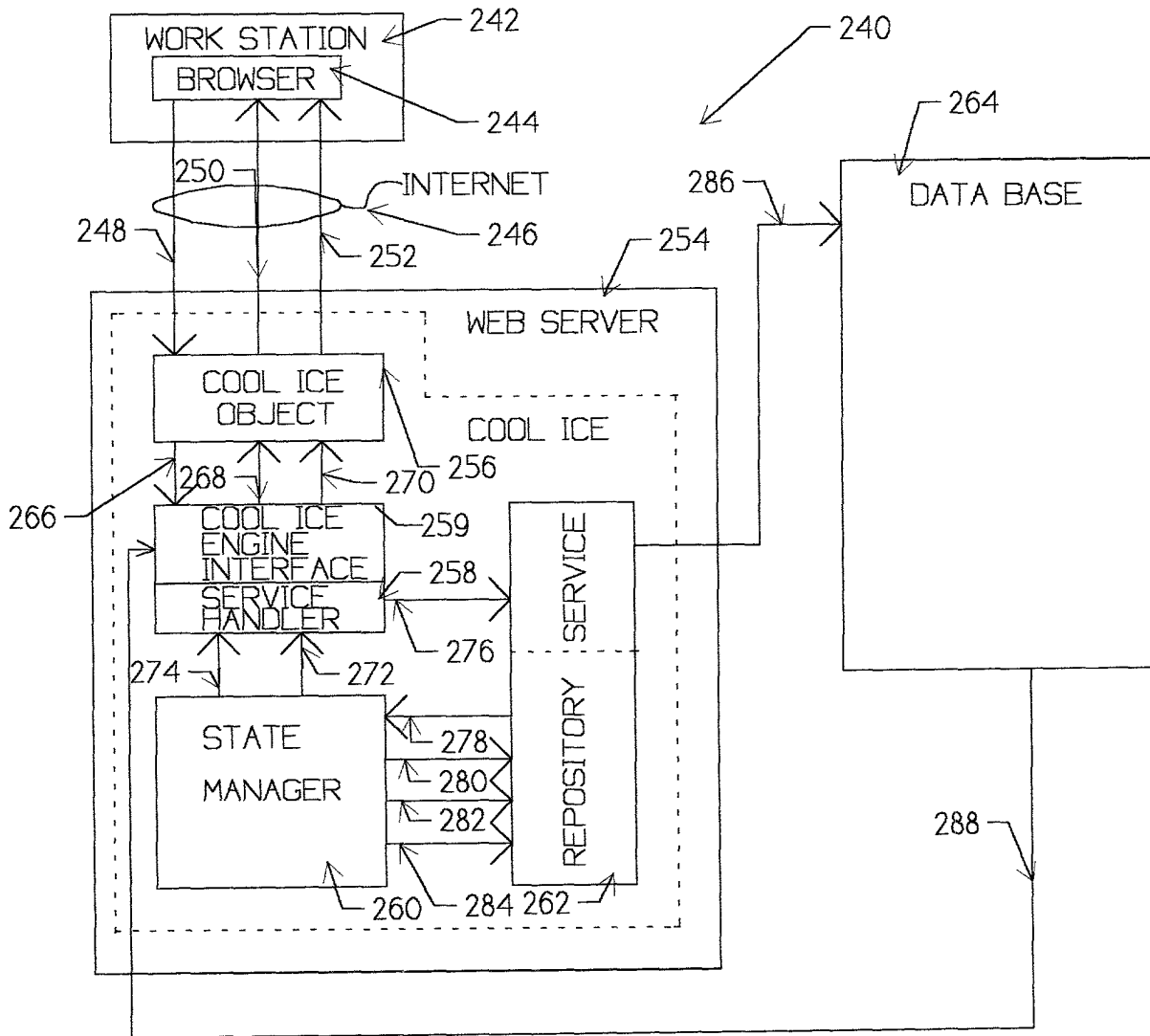


FIG. 9

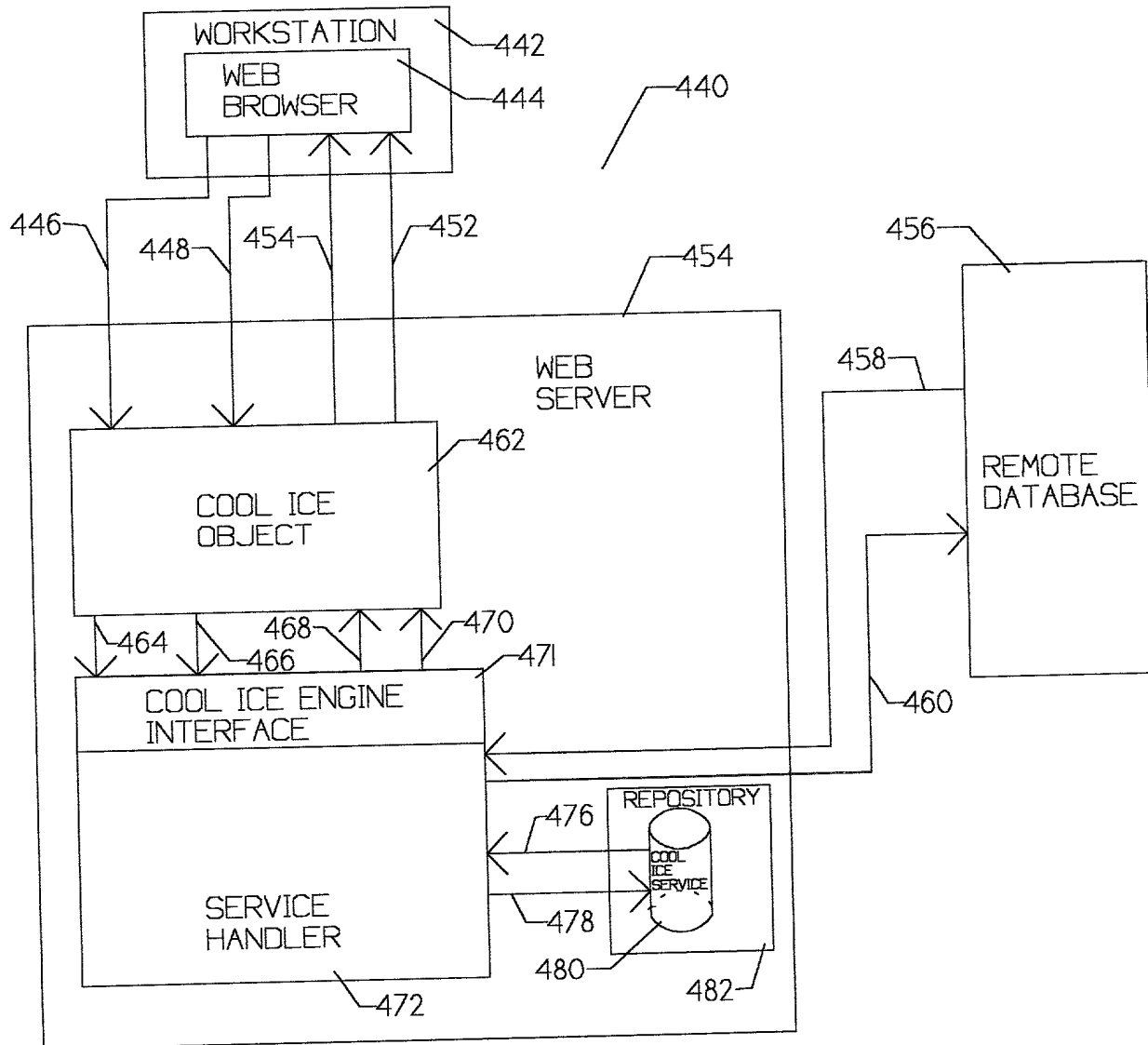


FIG. 10

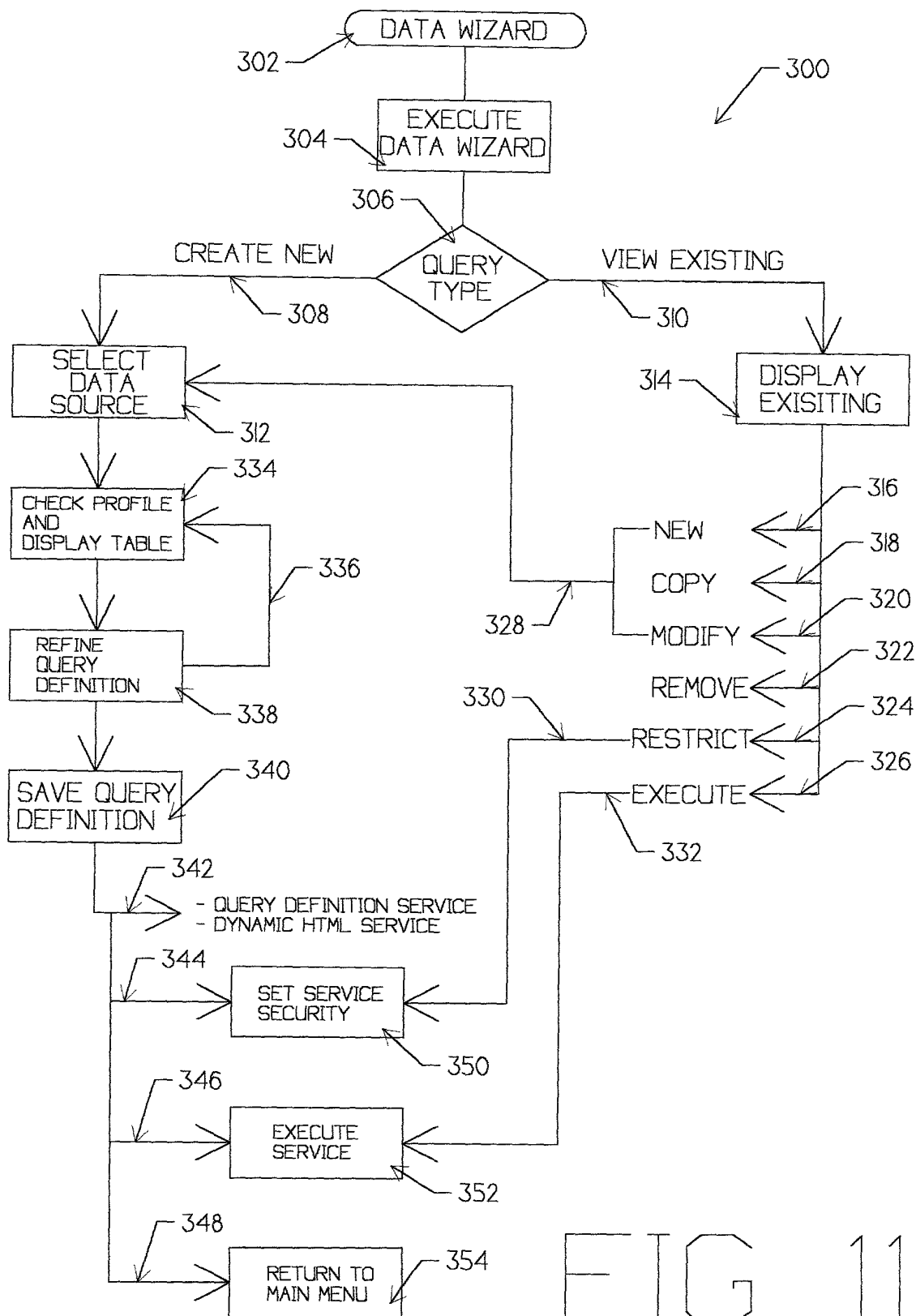


FIG. 11

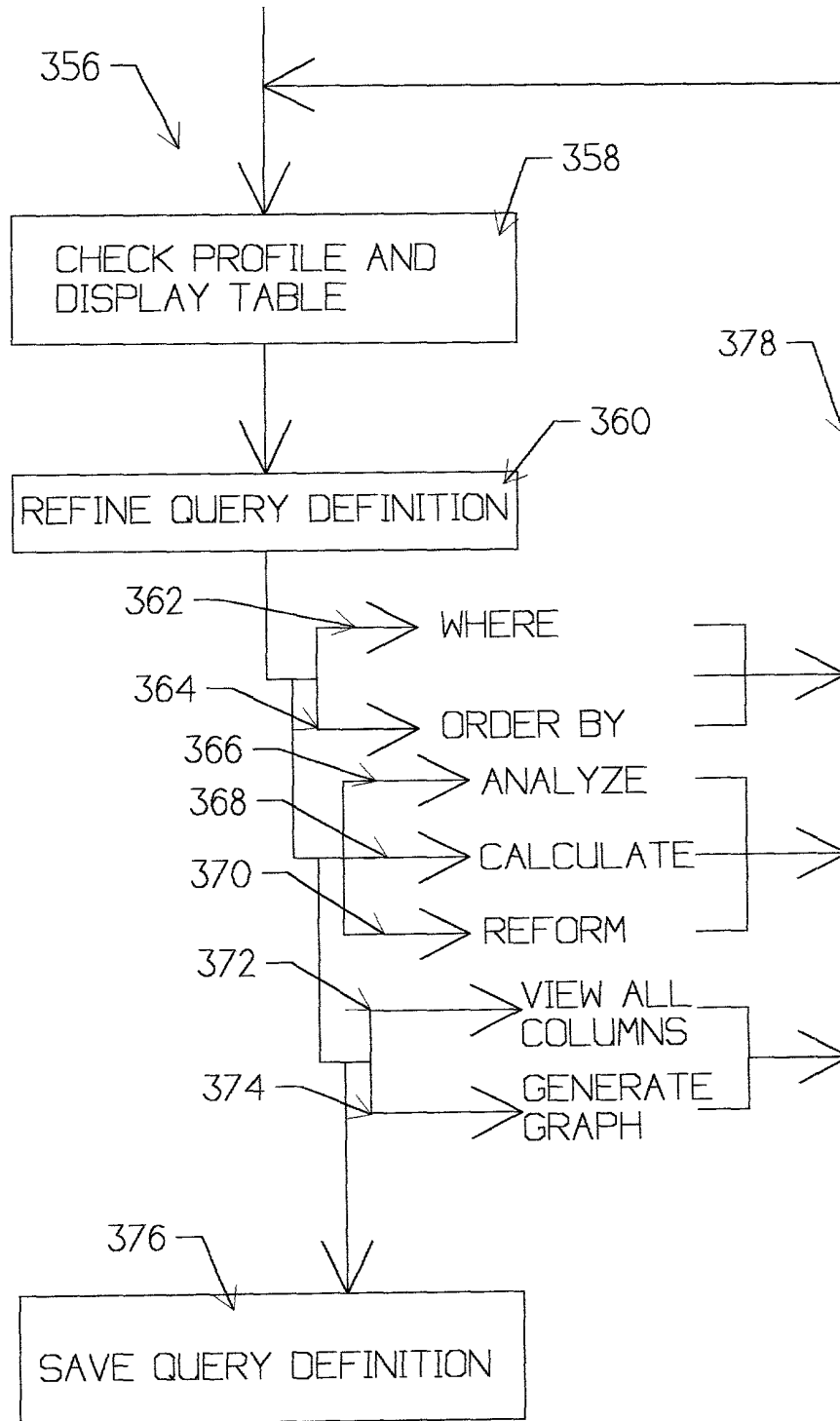


FIG. 12

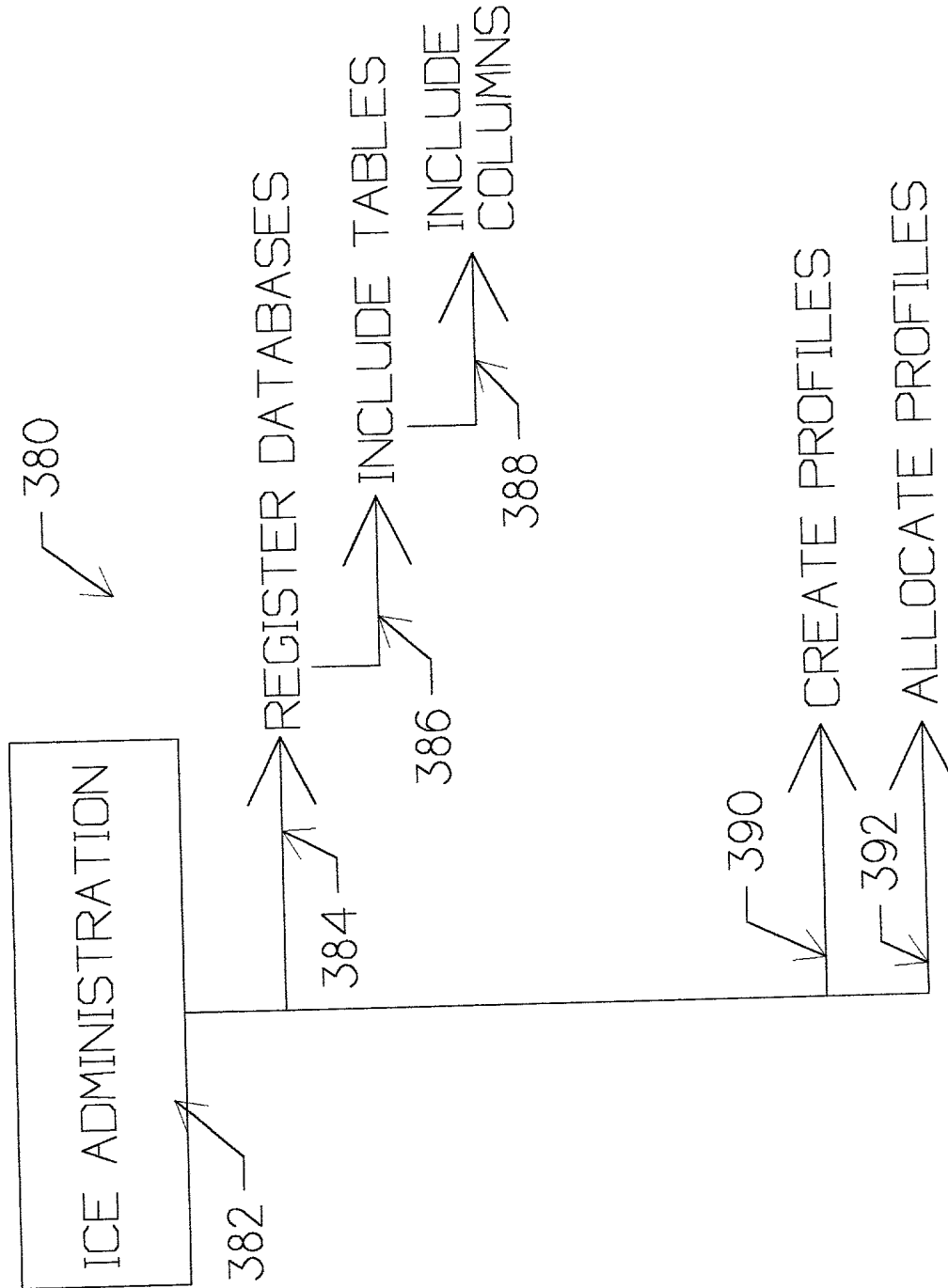


FIG. 13

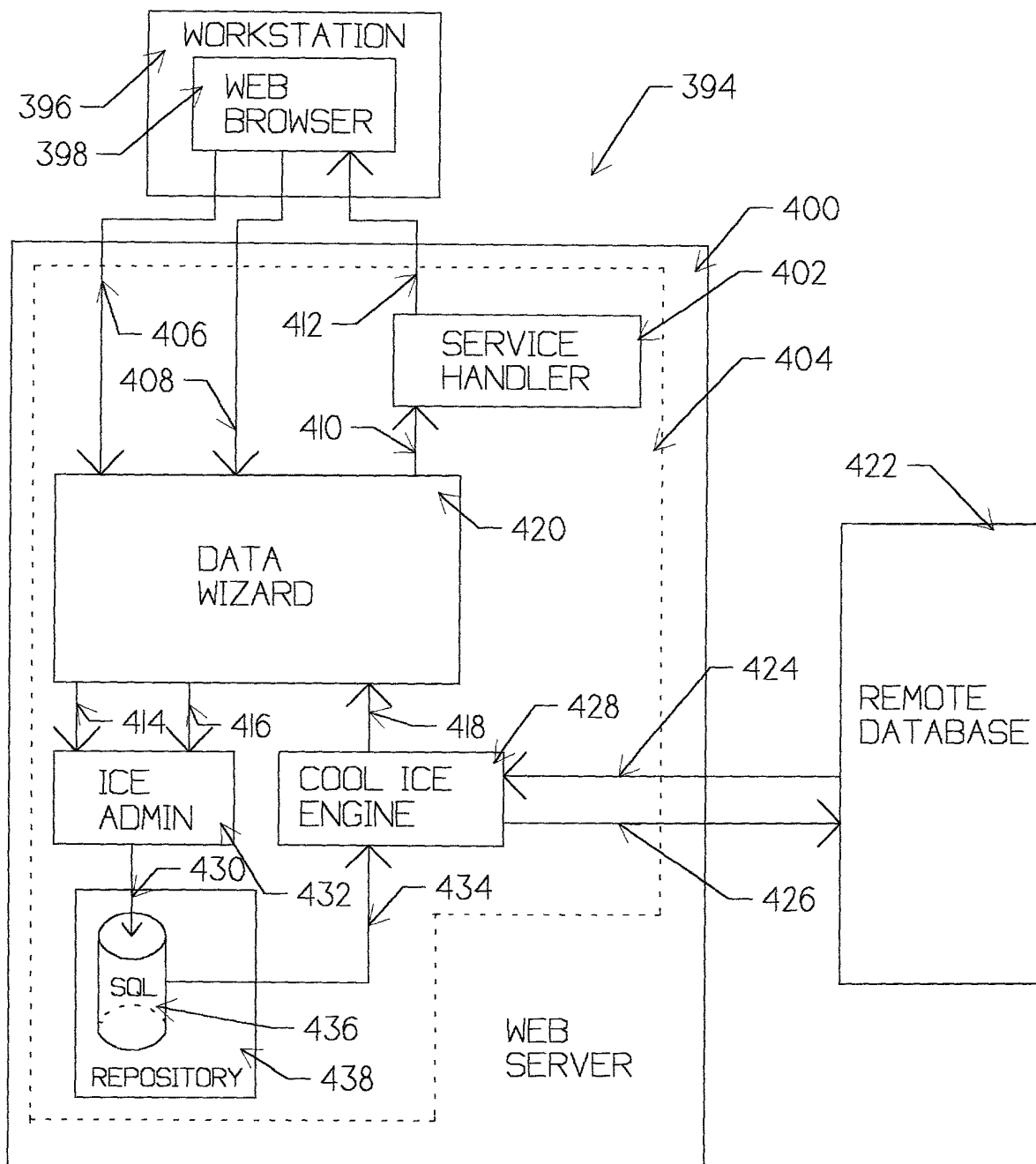


FIG. 14



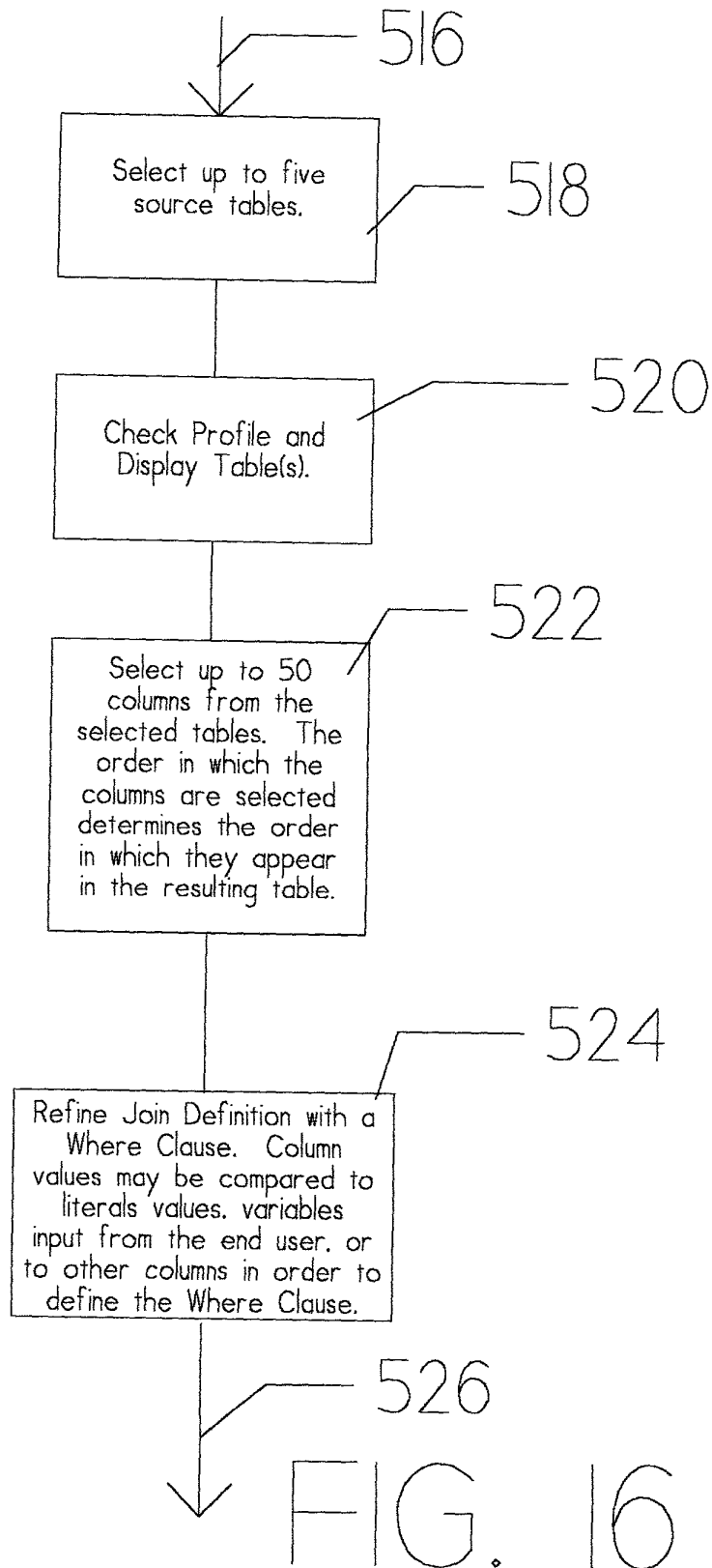


FIG. 16

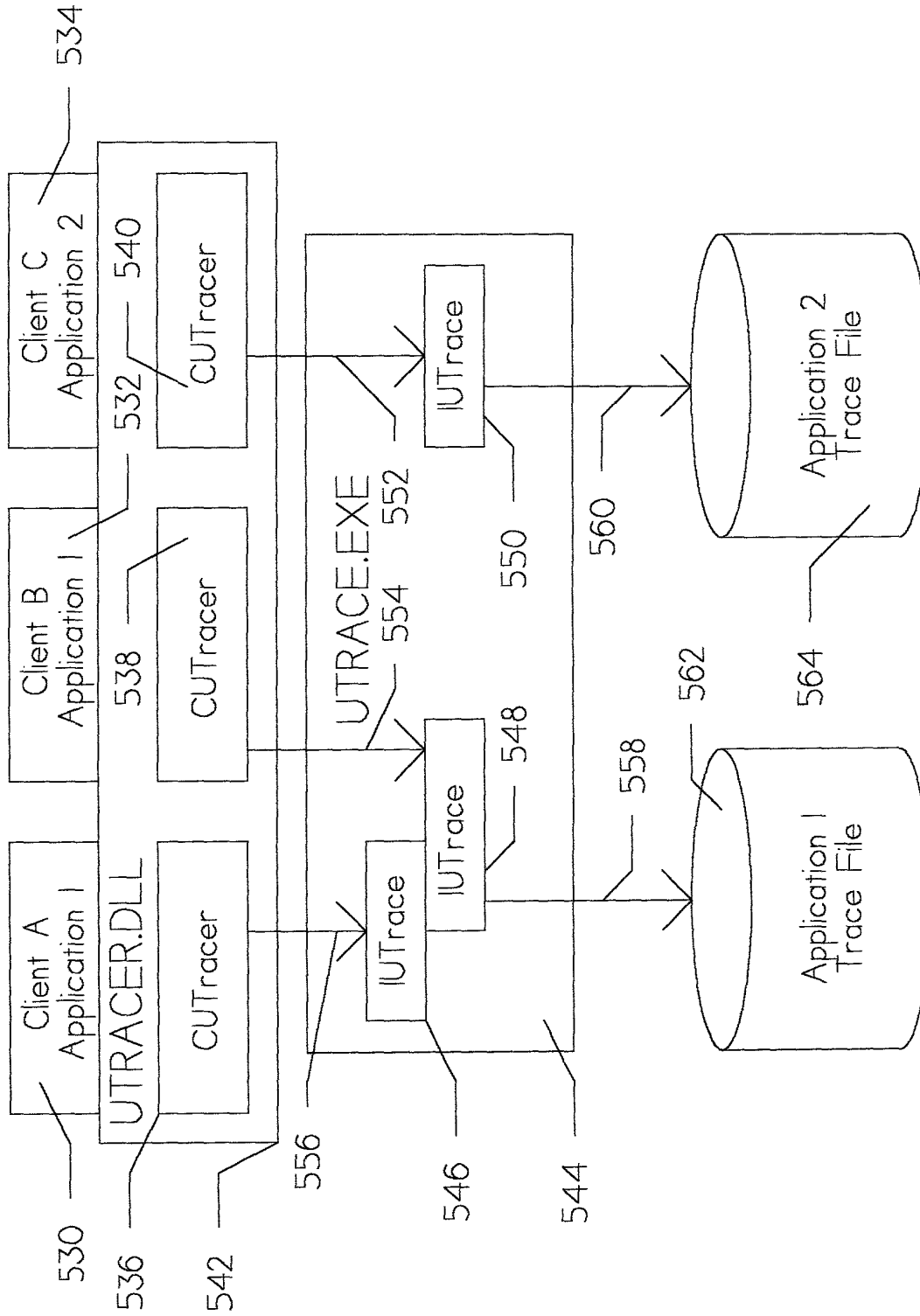


FIG. 17

HKLM\SOFTWARE\UNISYS\UTRACE

APPNAME -- Subkey matching the name of the application 565

ENABLETRACE	-- DWORD value indication a Boolean (1=trace, 0=no trace).
MAXENTRIES	-- DWORD value indicating the maximum number of entries in the trace file. If missing, then no upper limit is imposed.
FORMATFLAGS	-- DWORD value indicating message formatting flags.
POLICYFLAGS	-- DWORD value indicating trace policy flags set for the application.
TRACELEVEL	-- DWORD value indicating a trace level. 0 = no trace.
TRACEPATH	-- String value indicating the directory path for the trace files.
REGTRACE	-- A string value containing the HKLM\Software sub key to trace for this application. Blank or missing for no registry trace.
COMPONENT	-- A subkey for a specific component of the application.
POLICYFLAGS	-- Value indicating component level trace policy flags
TRACELEVEL	-- DWORD Value indicating a trace level. 0 = no trace.
VERSIONTRACE	-- String value specifying executable component name for version information tracing.

FIG. 18

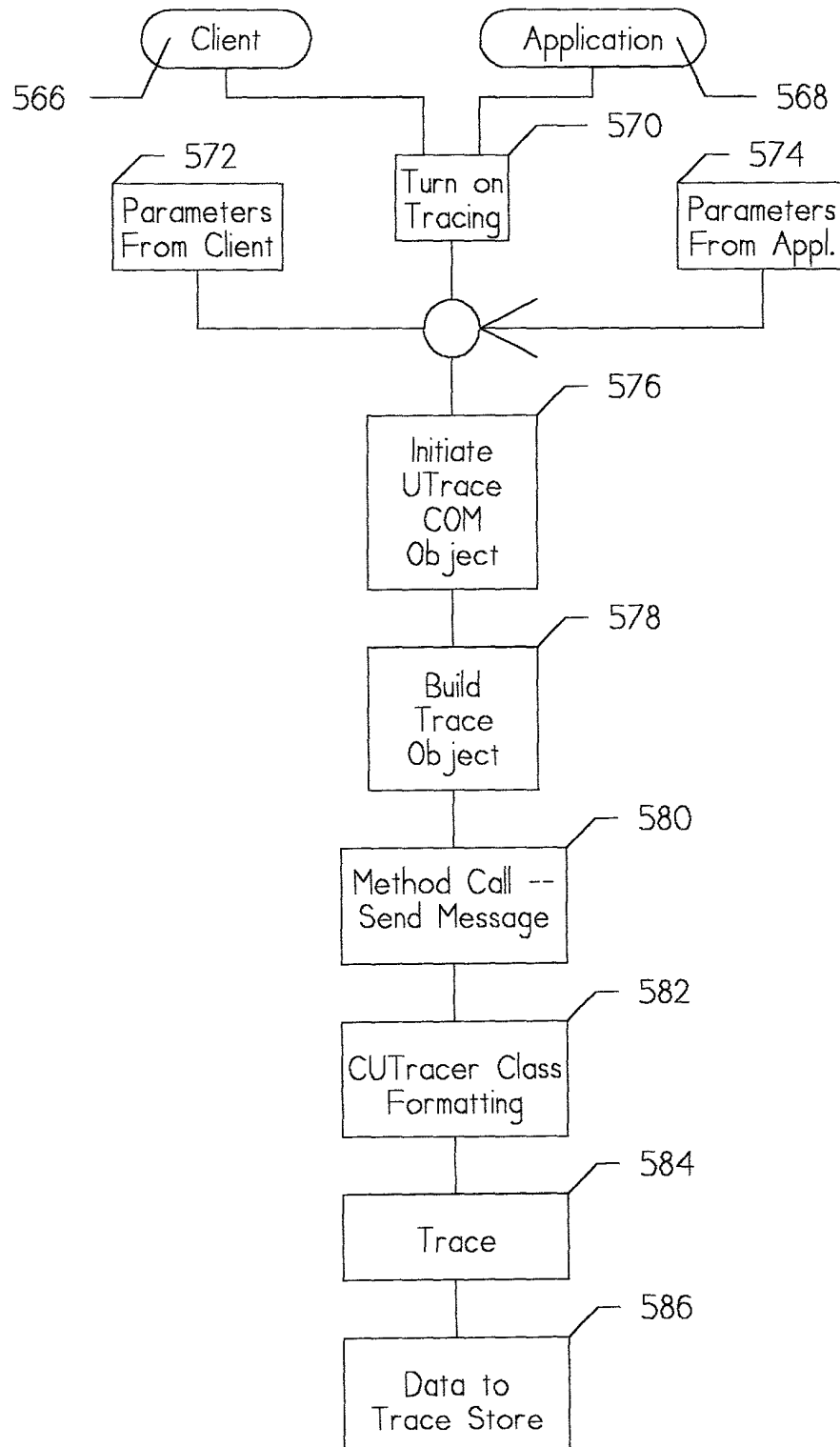


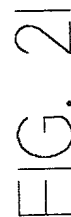
FIG. 19

```
#define CI_TRACE_VERSION      0x1
#define CI_TRACE_ERROR        0x2
#define CI_TRACE_INTERFACE    0x4
#define CI_TRACE_FLOW         0x8
#define CI_TRACE_DETAIL       0x10
```

FIG. 20A

```
if (m_trace.Active(CI_TRACE_DETAIL))
m_trace<<"MY Detailed Trace information"<<Localvariable<<traceit
```

FIG. 20B



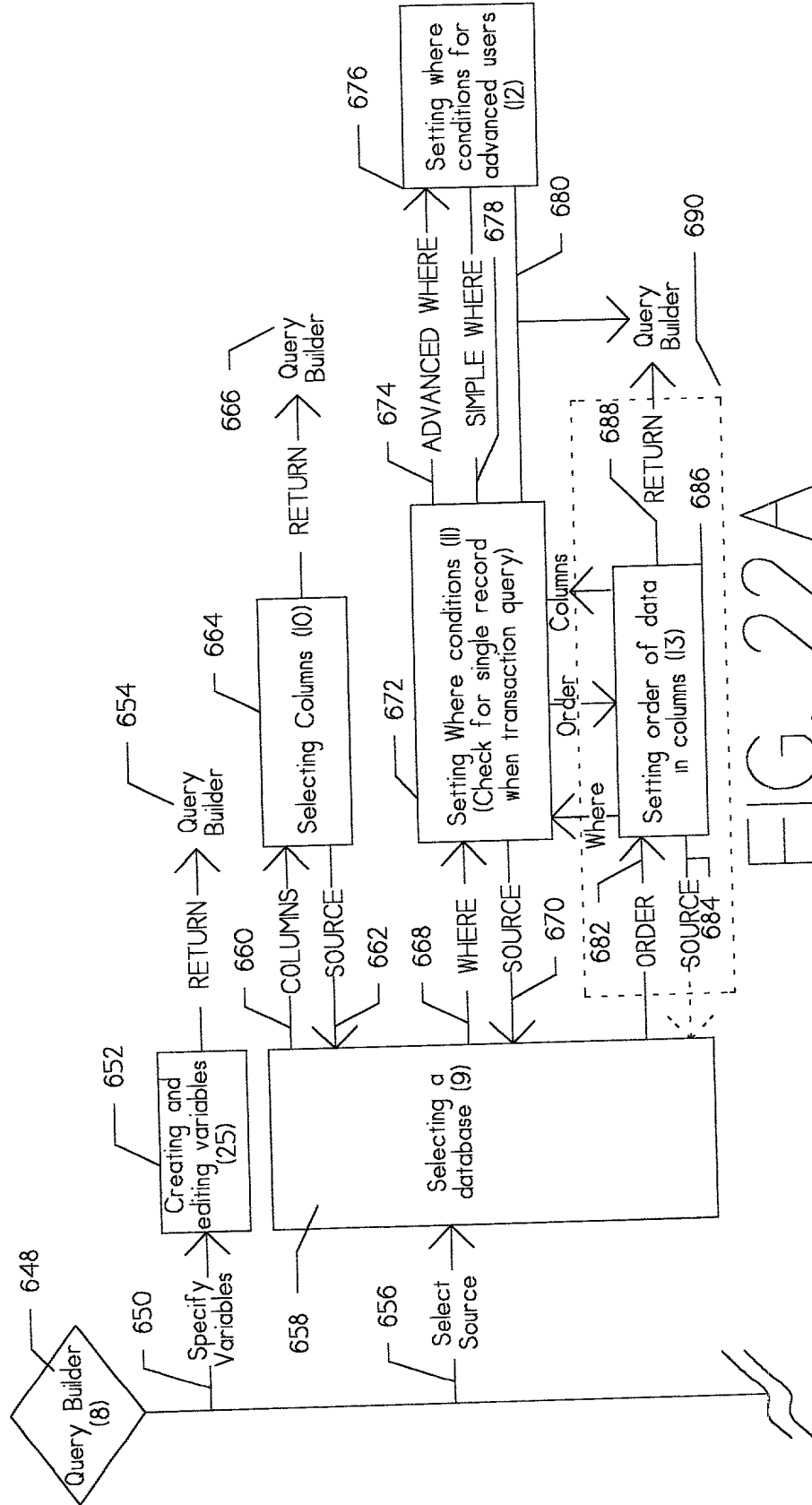


FIG. 22A

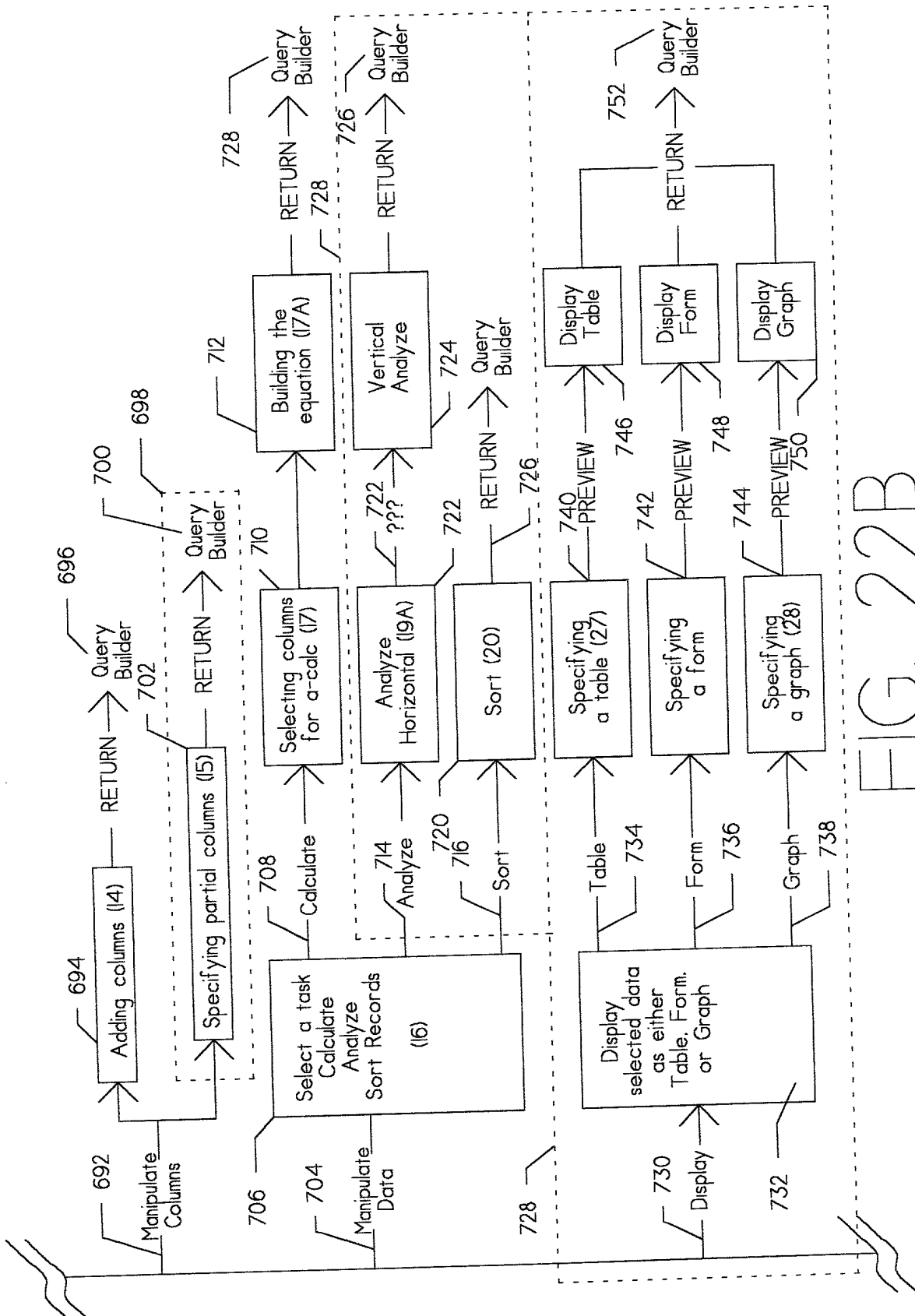


FIG. 22B

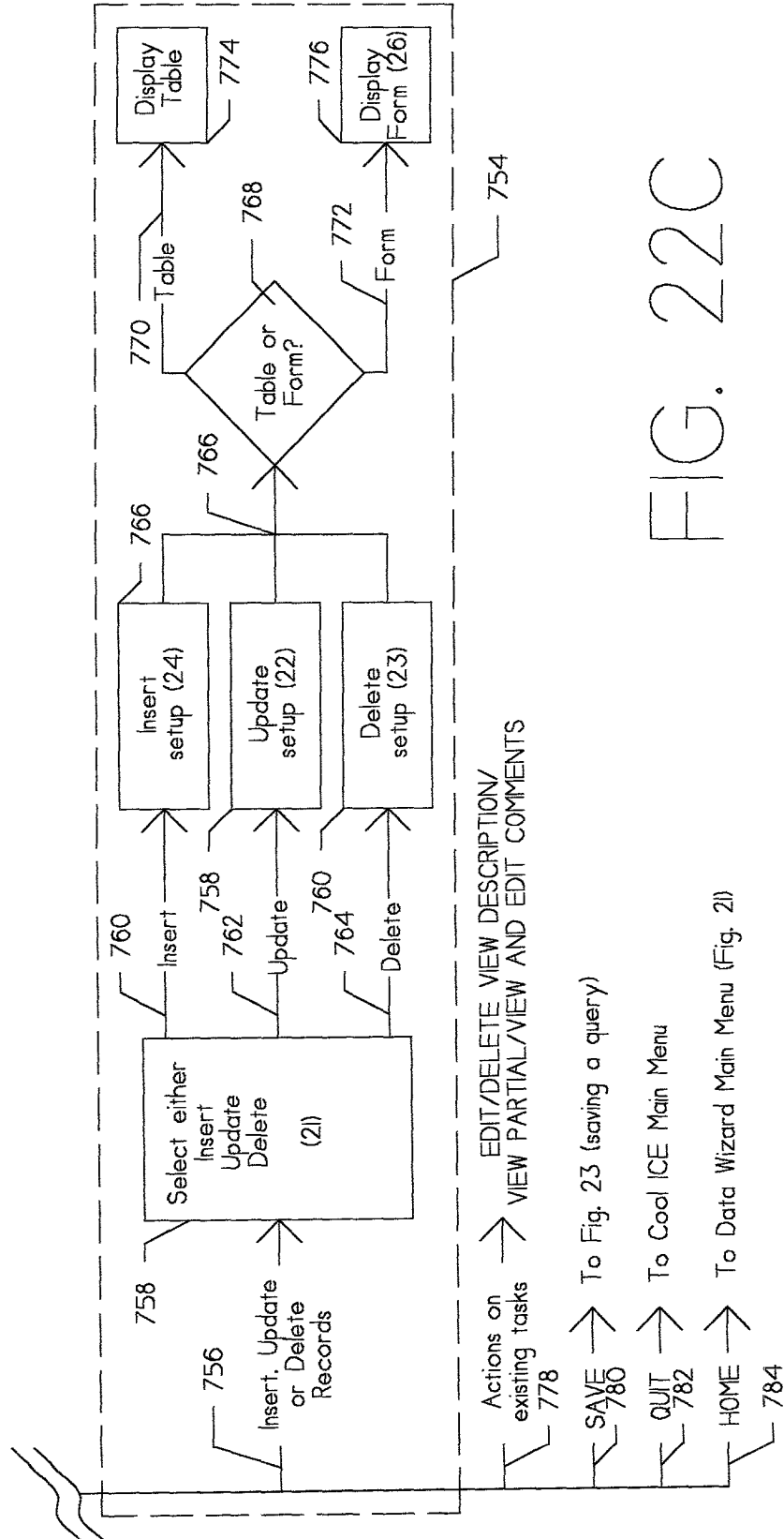


FIG. 22C

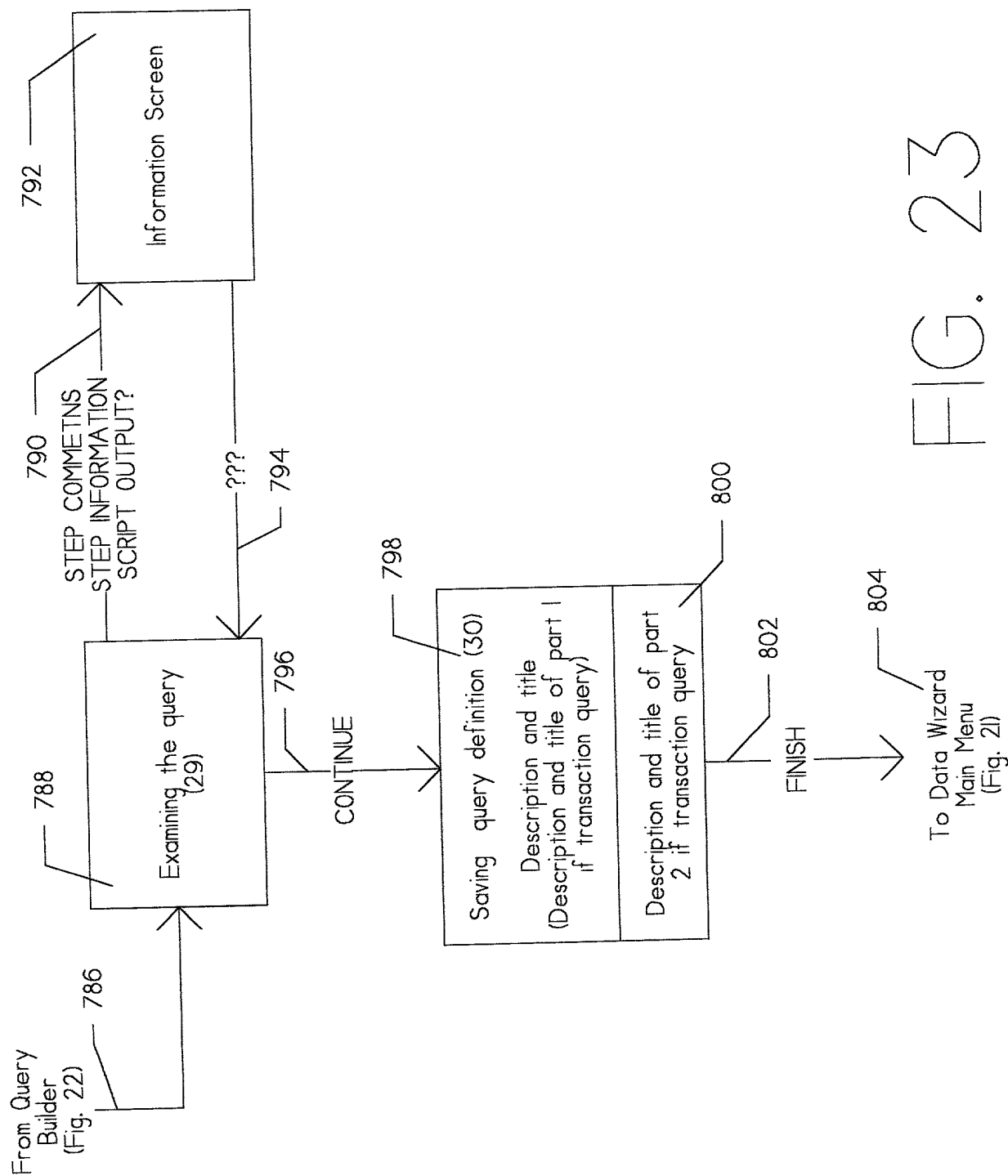


FIG. 23

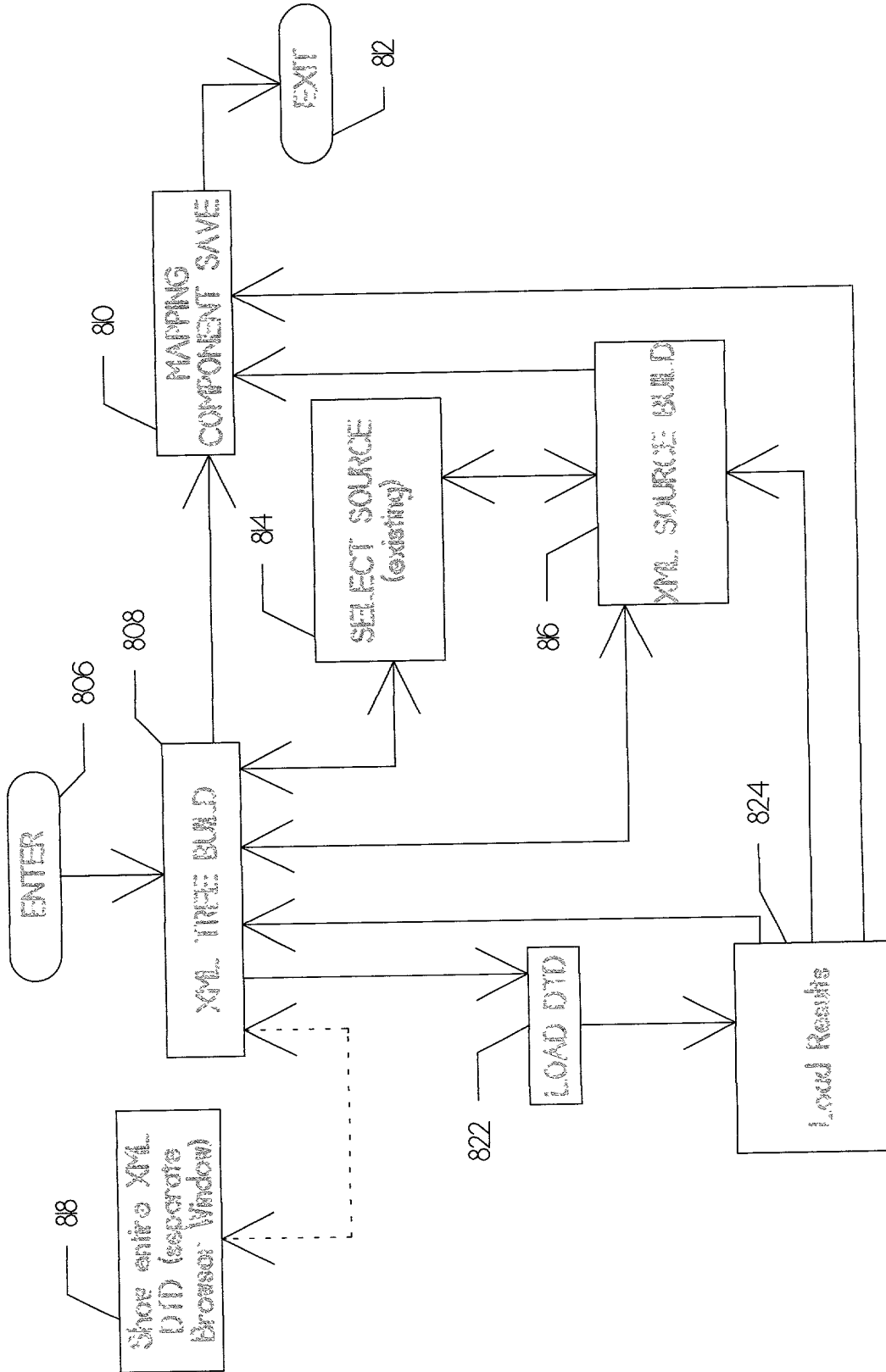


FIG. 24

FIG. 24

XML Explorer - Microsoft Internet Explorer
 File Edit View Favorites Tools Help

Component Builder

Home Quit Cancel Help

UNISYS

XML MAPPING ELEMENTS

828

830

836

838

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850

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854

856

858

860

862

864

866

868

870

872

874

876

Variables

Tables

Article

Article

Author

Editor

Date

Edition

Headline

Byline

Lead

Mapping Type

Table Mapping

Element Properties

Non Type

Sequence

Mapping

Row Iterator

Value

Non Type

Sequence

Mapping

Row Iterator

Value

Table Mapping

Element Properties

Non Type

Sequence

Mapping

Row Iterator

Value

FIG. 25

FIG. 26

Microsoft Internet Explorer
File Edit View Favorites Tools Help

838	<input type="checkbox"/> Newspaper	<input type="radio"/>	<input type="radio"/> Tables	<input type="checkbox"/> Mapping Type Open <input type="checkbox"/> 868	<input type="checkbox"/> Name Conversion Capital <input type="checkbox"/> 864
840	<input type="checkbox"/> Article	<input type="radio"/>	<input type="checkbox"/> Article	<input type="checkbox"/> Table Mapping Complete <input type="checkbox"/> 866	
842	<input type="checkbox"/> Author	<input type="radio"/>	<input type="checkbox"/> Author		
844	<input type="checkbox"/> Editor	<input type="radio"/>	<input type="checkbox"/> Editor		
846	<input type="checkbox"/> Data	<input type="radio"/>	<input type="checkbox"/> Data		
848	<input type="checkbox"/> Edition	<input type="radio"/>	<input type="checkbox"/> Edition		
850	<input type="checkbox"/> Headline	<input type="radio"/>	<input type="checkbox"/> Headline		
852	<input type="checkbox"/> Byline	<input type="radio"/>	<input type="checkbox"/> Byline		
854	<input type="checkbox"/> Lead	<input type="radio"/>	<input type="checkbox"/> Lead		
	<input type="checkbox"/> Body	<input type="radio"/>	<input type="checkbox"/> Body		
	<input type="checkbox"/> Notes	<input type="radio"/>	<input type="checkbox"/> Notes		

Element Properties

Item Type ☐ Sequence ☐ 860

Mapping ☐ 862

Row Iterator ☐ 863

Value ☐ 861

Actions ☐ 865

Clear Mapping
Add Sibling above
Add Sibling below
Add Childred
Add Attributes
Delete Branch
Compact View
Show Representation

826

FIG. 26

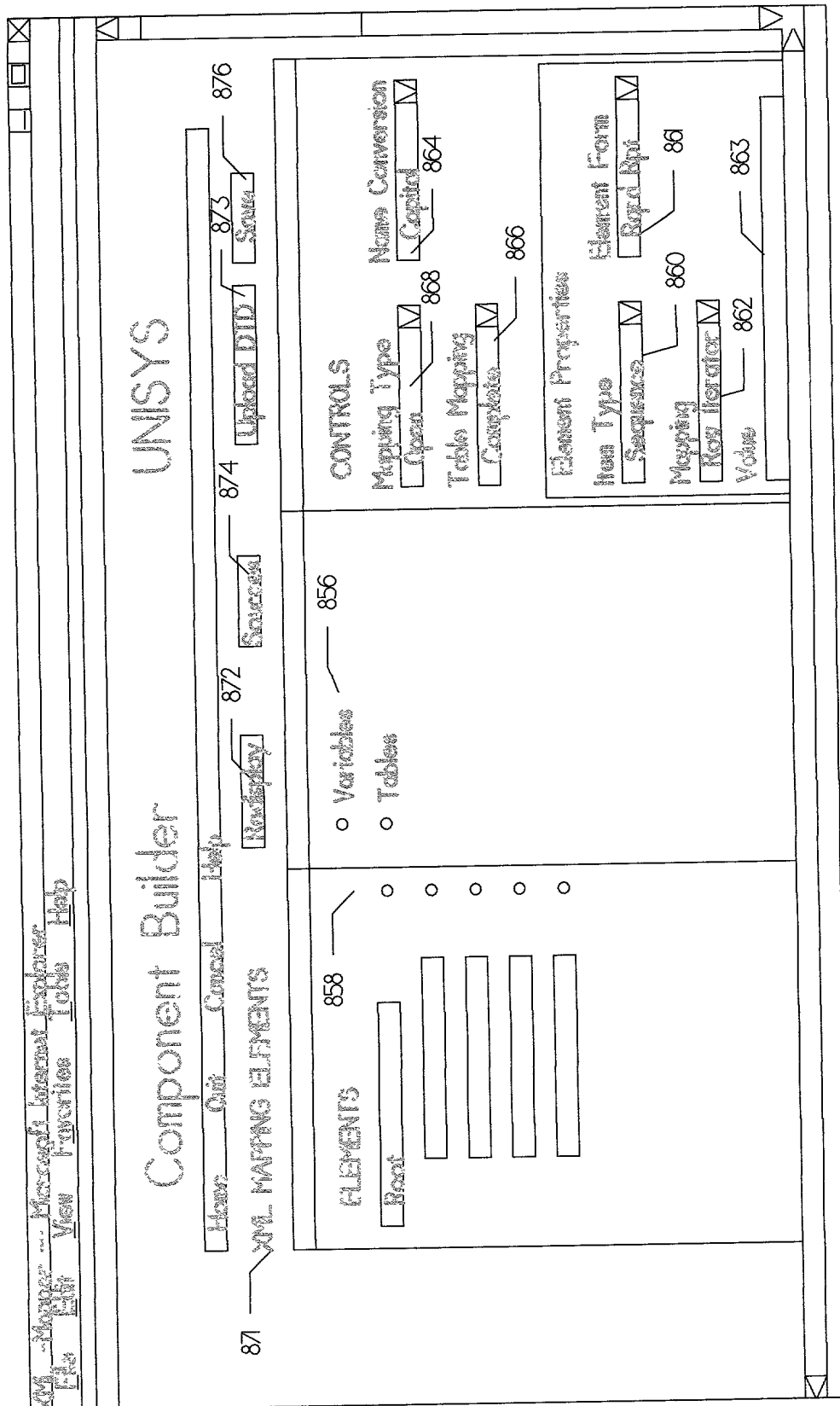


FIG. 27

FIG. 28

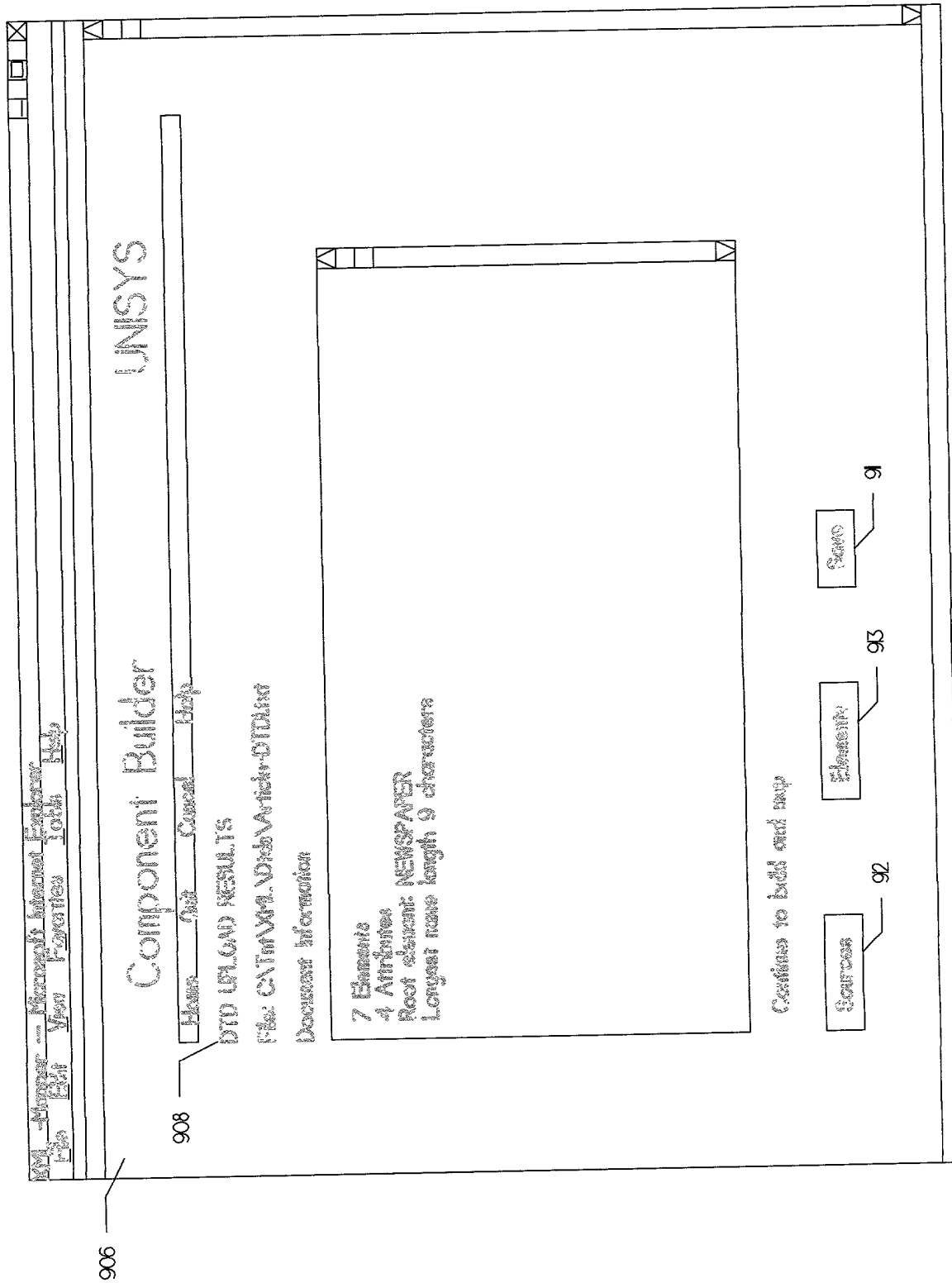


FIG. 28

DT EXAMPLE

Version:AC:0.0
Truncation:AC:0
TypeCheck:AC:0
Shcedata:ED:0R
From:DE:R
From:EV:Supplier:20:string
TableType:ED:R
TableType:EV:TableInfo:50:string
Inventory:ED:R
inventory:BT:Inventory:7
Inventory:ITEM:NUMBER:10
Inventory:ITEM:QTY:5
Inventory:ITEM:TYPE:10
Inventory:ITEM:GENDER:6
Inventory:ITEM:SIZE:3
Inventory:ITEM:COLOR:31
Inventory:ITEM:UNITCOST:13
Date:AD:R
Date:AV:SendDate:0:string
Time:AD:R
Time:AV:SendTime:5:string
Row:ED:2R
Row:ERI
ItemN:ED:2R
ItemN:EF:ITEM:NUMBER:10:R:string
Quantity:AD:2R
Quantity:AF:ITEM:QTY:5:R:string
Type:ED:2R
Type:EF:ITEM:TYPE:10:L:string
Gender:ED:20
Gender:EF:ITEM:GENDER:6:L:string:UnitSex
Size:ED:2R
Size:EF:ITEM:SIZE:3:L:string
Color:ED:30
Color:EF:ITEM:COLOR:31:L:string:White
Unitcost:ED:2R
Unitcost:EF:ITEM:UNITCOST:13:R:string
Row:EE:2
Row:ER:a
Inventory:EE:1
Inventory:ET:1

90

92

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FIG. 29

10027931-133101

FIG. 30

98

<DOCTYPE ShoeData [

```

<ELEMENT ShoeData (From, TableType, Inventory)>
<ELEMENT From (#PCDATA)>
<ELEMENT TableType (#PCDATA)>
<ELEMENT Inventory (Row*)>
<ATTLIST Inventory Date CDATA #REQUIRED>
<ATTLIST Inventory Time CDATA #REQUIRED>
<ELEMENT Row (ItemNr, Type, Gender?, Size, Color?, Unitcost)*>
<ELEMENT ItemNr (#PCDATA)>
<ATTLIST ItemNr Quantity CDATA #REQUIRED>
<ELEMENT Type (#PCDATA)>
<ELEMENT Gender (#PCDATA)>
<ELEMENT Size (#PCDATA)>
<ELEMENT Color (#PCDATA)>
<ELEMENT Unitcost (#PCDATA)>
    
```


XML INPUT DOCUMENT EXAMPLE

920

```

<xml version="1.0" encoding="ISO-8859-1">
  <ShoeData>
    <FromSource/>
    <TableType>Low Inventory Count</TableType>
    <Inventory Date>2000-12-05</Inventory Date>
    <Row>
      <ShoeID>0732535</ShoeID>
      <Type>Tennis</Type>
      <Gender>Male</Gender>
      <Size>9</Size>
      <Color>White/Low Grey/White Swoosh</Color>
      <UnitCost>25.00</UnitCost>
    </Row>
    <Row>
      <ShoeID>0732540</ShoeID>
      <Type>Running</Type>
      <Gender>Women</Gender>
      <Size>5</Size>
      <Color>White/Low Grey/Neptune Blue</Color>
      <UnitCost>27.00</UnitCost>
    </Row>
    <Row>
      <ShoeID>0732544</ShoeID>
      <Type>Running</Type>
      <Gender>Women</Gender>
      <Size>6</Size>
      <Color>White/Low Grey/Neptune Blue</Color>
      <UnitCost>27.00</UnitCost>
    </Row>
    <Row>
      <ShoeID>2735420</ShoeID>
      <Type>Running</Type>
      <Gender>Women</Gender>
      <Size>5</Size>
      <Color>White/Chloris Blue/Hot Lava</Color>
      <UnitCost>30.70</UnitCost>
    </Row>
    <Row>
      <ShoeID>T737425</ShoeID>
      <Type>Golf</Type>
      <Gender>Women</Gender>
      <Size>3</Size>
      <Color>White/Fluorescent Pink</Color>
      <UnitCost>35.00</UnitCost>
    </Row>
    </Inventory>
  </ShoeData>
  <Color>White/Black/Hot Lava Neo Teal</Color>
  <UnitCost>40.00</UnitCost>
  </Row>
  <Row>
    <ShoeID>0732474</ShoeID>
    <Type>Tennis</Type>
    <Gender>Women</Gender>
    <Size>6</Size>
    <Color>White/Light Marine-Ultramarine</Color>
    <UnitCost>25.00</UnitCost>
  </Row>
  <Row>
    <ShoeID>T735300</ShoeID>
    <Type>Running</Type>
    <Gender>Men</Gender>
    <Size>9</Size>
  </Row>

```

FIG. 31

10027931-132101